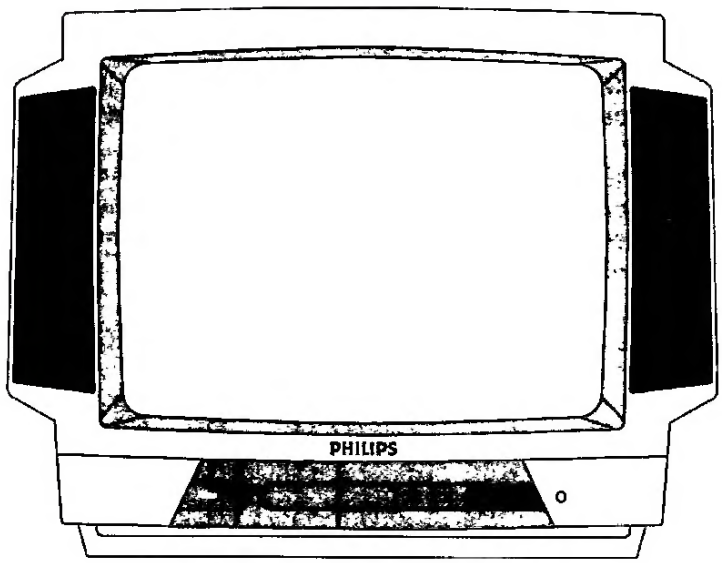
PHILIPS



20GX1550
20GX1850

English
Español
Português

COLOUR TELEVISION OPERATING INSTRUCTIONS

Specifications

Pictura Tube	:	20" (48 cm)
Audio Output	:	2 x 4 W (Stereo Playback) ; 4 W (Mono)
Tuning System	:	PLL (Phase Lock Loop)
Off-Air	:	84 Channels (Ch 2 to 69 and Ch 84 to 99)
Cable	:	122 Cable Channels (Ch 1 to 125 (except Ch 95, 96 and 97))
Power Consumption	:	53 W
Standby Power	:	10 W
Telavision Control Operation	:	On/Off, Volume, Channel, Install, Menu and control +/—
Ramote Control Operation	:	On/Off, Volume, Channel, Mute, Display, Digit (0 – 9), DBB, AV, Menu and control +/—. Spatial and Stereo (only for remote control RC 7802)
On Screan Displey	:	Sharpness, Hue (NTSC mode), Colour, Brightnass, Contrast, Chennel, Sleeptimer, Mute, Volume and Bass Boost
Connections	:	75 ohms antenna Input, Video end Audio Inputs
Cebinet	:	Plastic
Dimensions (H x W x D)	:	(48 x 60 x 48) cm
Waight	:	23 kg

		VERSION /XX			
		54	77	85	87
TV System	**NTSC M**			•	•
	PAL M /PAL N /NTSC M (Trinorma)	•	•		
Operating Voltage	**100 – 250 V~, 50/60 Hz**	•	•	•	•

Note : Please refer to the type plate at the rear of the TV set or the Identificetion Sticker on the carton box for reference to the version number for the set.

NOM

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General Information

Congratulations on purchasing your new Philips colour TV set. It has been designed and tested to the highest standards and will provide quality picture and sound for your enjoyment. If you follow these operating instructions you will quickly learn how to adjust and operate all the functions of your new TV set; but always read and perform the instructions in the sequence shown.

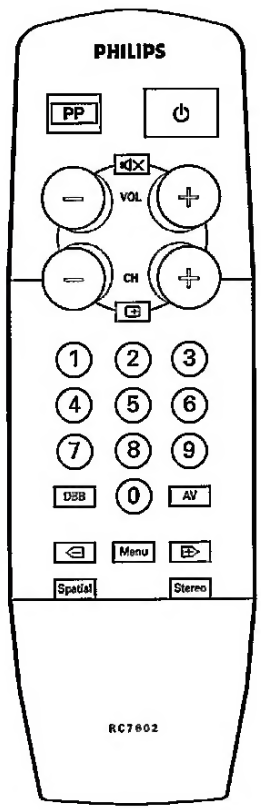
English

IMPORTANT:
Switch off your TV overnight via the POWER ON/OFF button instead of leaving it on stand-by. You save energy and the Picture Tube is demagnetised which supports good picture quality.
When the set is switched on, do not shift or move the set around. Also sometimes it may develops an unevenness in colour in some parts of the screen. This can be eliminated by switching off the set with the mains power button and wait for 10 minutes before switching on again. If symptom still exists, call for service.

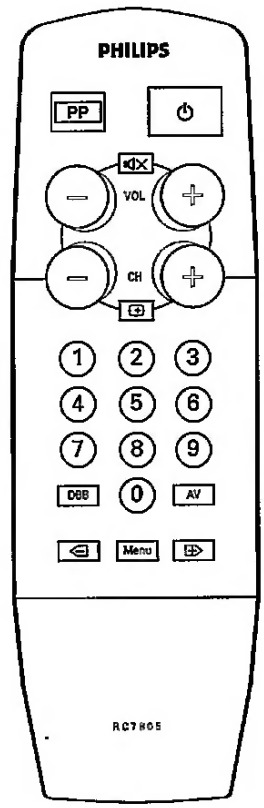
Following are the Models with their respective distinct features.

	20GX1550	20GX1850
Full Remote Control	•	•
AV Connections	•	•
BTSC Stereo		•
Headphone		•
Remote control hendset	RC7805	RC7802

RC7802



RC7805



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Safety Information

Unplug your TV from the meins supply when :
- The RED light below the screen is flashing continuously.
- A bright white line is displayed across the screen.
- Cleening the TV screen. Never use aggressive cleaning agents but a slight damp chamois leather.
- During a lightning storm or when the set is left unattended for an extended period of time , disconnect the antenna.
- **Caution :** Never attempt to repair a defective TV yourself; always consult e skilled service personnel.

English

Before Calling For Service

Pleese meke this simple checks before calling for service. These tips can save you time and money since charges for set installation and adjustments of customer controls are not covered under your warranty.

Symptoms	Items to Check end Actions
No Power	• Check the TV eet's AC power cord is plugged into mains socket. • Unplug the TV, wait for 60 seconds, then re-inserts plug into the mains socket and switch on the TV set again.
No picture	• Check antenne connections at the rear of the TV to see if they are properly connected to the TV input terminal. • Possible TV station trouble. Try another chennel. • Increase the contrast setting first and then the brightness setting.
Good picture but no sound	• Increase the VOLUME. • Check that the set is not muted, press the MUTE button on the remote control handset. • When no TV signal is detected, the TV set automatically mutes the sound. This is a proper set operation and does not indicates a melfunction.
Good sound but poor or abnormel colour or no picture	• Increase the contrest setting first and then the brightness setting. • Check that the colour system selection is at the correct system (For Trinorma set only). Do not use the AUTO mode. (Refer to pege 10)
Snowish picture and noise	• Check the antenna connection. • Do a fine tuning operetion for the affected channel.
Horizontal dotted lines	• This may be caused by electrical interference (e.g. hairdryer, neerby neon lights, etc.). • Switch off the equipment.
'Ghosts' or double image	• This may be ceuse by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may improve the picture.
One white line ecross the screen	• Switch off the TV set immediately and consult the service personnel.
TV not responding to Remote Control	• Check whether the batteries are flat. Replece batteries if necessary. • Clean the remote control sensor lens on the TV set. • Check whether any obstruction between TV and remote control handset. • Operating range between TV and remote control handset should not be more than 6 metres.

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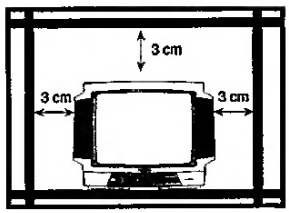
Pre-Installation

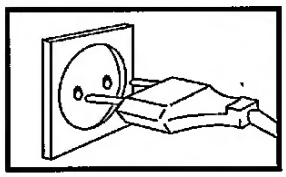
English

Placing the TV



- Salact a position for the TV near a power outlet and if possibla away from direct sunlight or intense room lighting which will tend to reduce the clarity of the picture.
- Place the TV on a solid base (e.g. a TV/video cabinet)
- Leave at least 3 cm around each side of the TV for ventilation.
- Do not place the TV sat naar a radiator or other sources of heat.
- Do not expose the TV set to rain or excessive moistura.

Power Connection

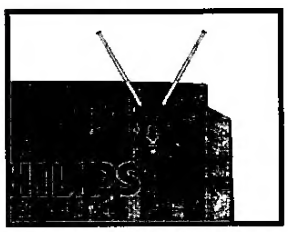


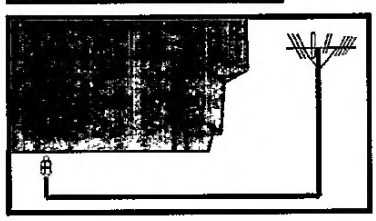
IMPORTANT :
Please refer to the section on Specifications for the correct mains voltaga. (Consult your dealer if the mains supply is different.)

- Connect the TV to the mains supply socket.

(Thisisnotarepresentativeoftheactualplugandsocket.)

Antenna Connection

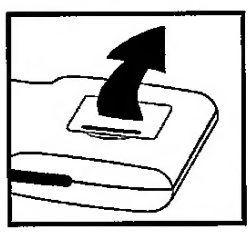


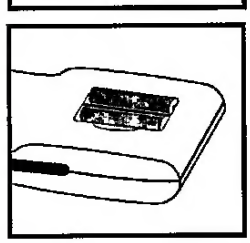


If the indoor aerial is used, attach it to the TV at the mounting socket on the backcover and then connect tha aarial plug to the antenna socket ⊓ at the back of the TV.
(Notprovidedfor/77model)

- Connect the aerial plug to the antenna socket ⊓ at the rear of tha TV.

Battery Installation





To insert batteries in the remote control handset :

- Remove the battery covar at the back of the remote control handset by lifting up in the direction of the arrow.
- Insert the two batterias (Type AAA, 1.5 V) into the battery holder as indicated.
- Replace the battary cover.

Note : To avoid damage from possible battery leakage, remove the batteries for extendad unused period.

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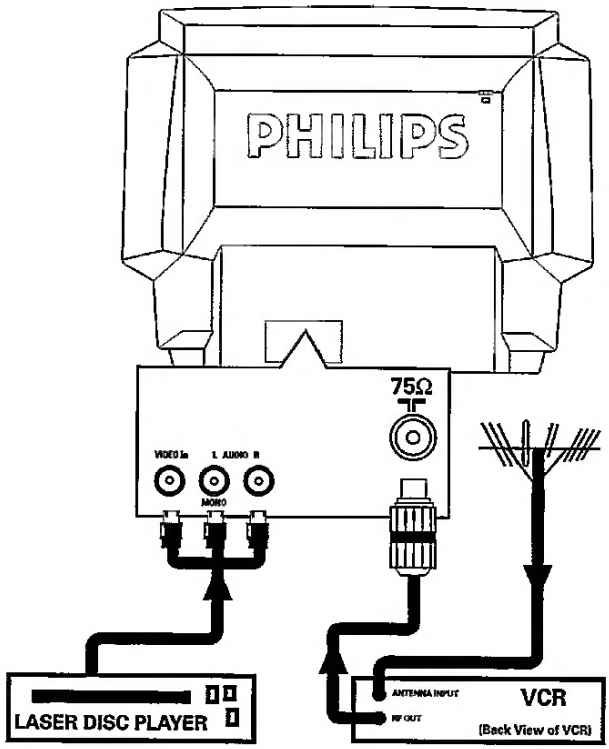
Peripheral Equipment Connections

Connections are loceted at the back panel of the TV set. Drewings below are graphical representation of the connection options of the TV set.



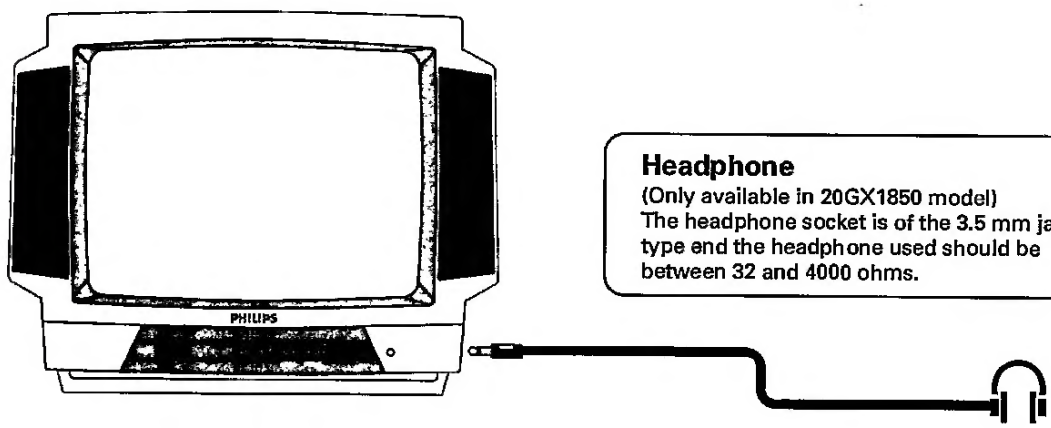
AV Sockets

Most of the mono equipment can be used to playback via this connections. Model 20GX1550 are mono set. Connect the Video and the Audio L sockets to playback in the AV channel.

For model 20GX1850 which is equipped with a stereo playback decoder, then you are able to listen to stereo sound. Connect the Video, Audio Left and Right sockets from the equipment to the TV set respectively.

Antenna RF input

You can connect the antenna either through the VCR or directly to the TV. Connect the antenne to the RF input of the VCR end from the VCR RF output, connect to the antenna input (⊓⊓) of your TV.



Headphone

(Only available in 20GX1850 model)
The headphone socket is of the 3.5 mm jack type end the headphone used should be between 32 and 4000 ohms.

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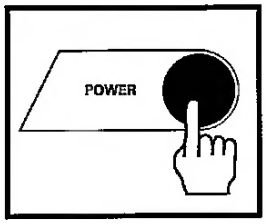
English

Switching the TV ON/OFF

• Press the **POWER** button on the front of your TV to switch the TV ON and OFF.



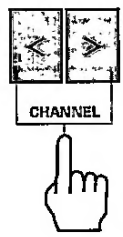
Note :
1. The last viewed TV stetion will be automatically selected when the set is first switched on.
2. If you want to view the demonstration mode before operating the set, please refer to the section on Operation (Secondary Menu).

Press open the door cover to access to the Front Control panel.

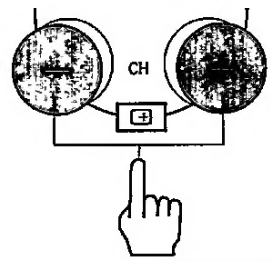
Switching the TV ON from Stand-by mode

If the RED light below the screen is lighted up, it indicates that the set is on the stand-by mode. You can switch the TV on again either from the TV or with the remote control.

TV
• Press either the **CHANNEL** < or > button on the front of the TV.

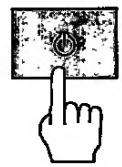


Remote Control
• Press either the **CH** + or — button or any digit buttons.

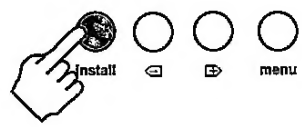


You can also switch on the TV with the Stend-by button on the remote control.

• Press and hold the ⏻ button (for half a second) on the remote control to switch on the TV set.



1 Press the **install** button on the front control panel of the TV set to start the Installation Menu.



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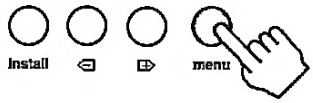
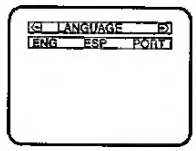
A. LANGUAGE Selection

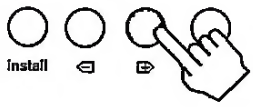
This function enebles you to select the language for the on screen display. The language availeble for selection is English, Spanish or Portuguese.

2. Press the **menu** button to activete the **LANGUAGE** menu.

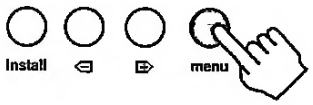




3. Press the control + button to cycle through the **LANGUAGE** menu and select the language of your preference.



4. When you have selected the preferred lenguage, press the **menu** button to confirm the selection.

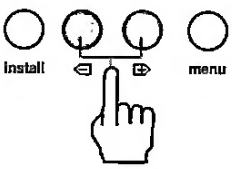


Note : If you wish to exit from the Installation menu after each selection, press the **install** button.

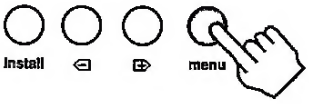
B. TUNER Selection

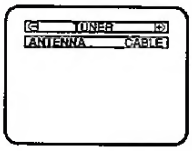
This funtion enables you to select the TV tuner either in the entenna or cable mode.

2. Press the control + or — button to select the **TUNER** menu.

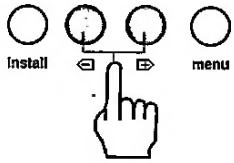


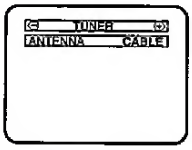
3. Press the **menu** button to activete the **TUNER** menu.



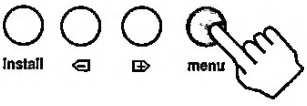


4. Press the control + or — button to select either the **ANTENNA** or **CABLE** mode.





5. Press the **install** button to store the new setting and then press the **menu** button to exit.



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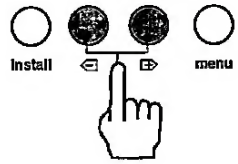
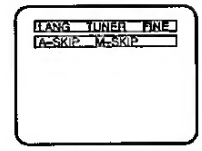
English

C. FINE Selection

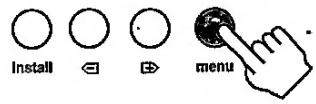
In casa the picture and sound are not optimum (in area of poor racaption or constant interference). a slight adjustment of the tuning may improve the picture and sound quality.

2. Prass the control + or — button to select the **FINE** menu.

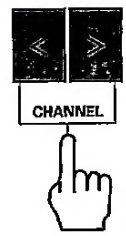




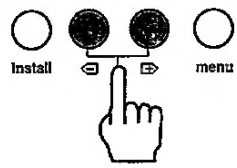
3. Press the **menu** button to activate the **FINE** menu.



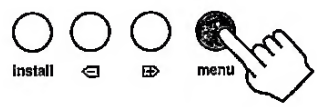
4. Press the **CHANNEL** < or > button to select the dasired channel number to fine tune.



5. Press the control + or — button to fine tune the channel until desire picture and sound is obtained.



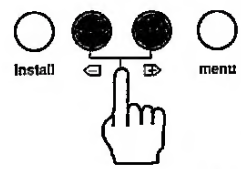
6. Press the **install** button to store the new setting and then press the **menu** button to exit.

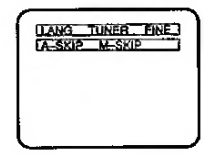


D. AUTOMATIC SKIP Selection

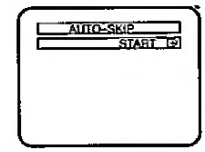
This feature enables you to skip those non-transmitting channels automatically.

2. Press the control + or — button to select the **A-SKIP** mode.

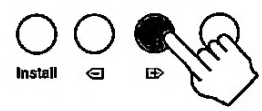




3. Press the **menu** button to activate tha **AUTO-SKIP** mode.



4. Press the control + button to start the **A-SKIP** mode.



The TV will exit automatically to channel 2 or C1 after it had seerchad through either the antenna or cabla channels.

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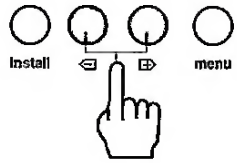
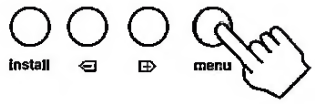
E. MANUAL SKIP Selection

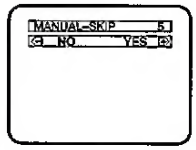
This feature anables you to skip those channels with bad signal manually.

2. Press the control + or — button to salect the **M-SKIP** moda.



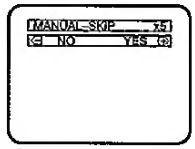
3. Press the **menu** button to activate the **M-SKIP** mode.



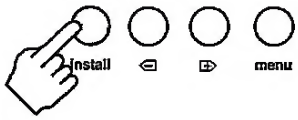


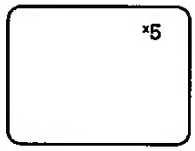
4. Press the control + button to select **YES** to skip the channel from the memory.

If you wish to skip other channal, prass the **CHANNEL** < or > button to select the desire channel and repeat step 4 as above. If not proceed to step 5.



5. Press the **install** button to exit.

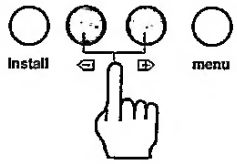




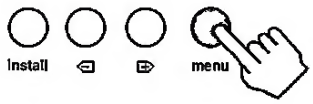
F. Adding Skipped Channels

This feeture enables you to add those chennels which you had skipped earlier back to the memory.

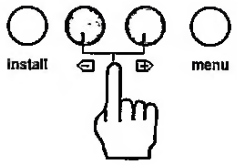
2. Press the control + or — button to select the **M-SKIP** mode.

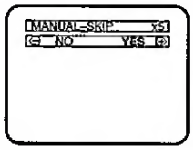


3. Press the **menu** button to activata the **M-SKIP** mode.

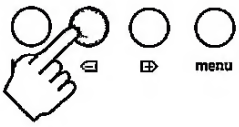


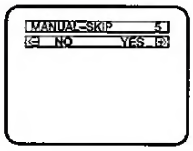
4. Press the control + or — button to salect the desired channel number to be added to the memory.



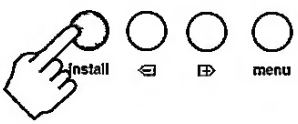


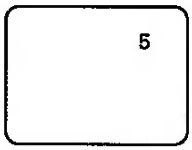
5. Press the control — button to select **NO** to add those channels to the memory.





6. Press the **install** button to exit.





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Installation Menu (Secondary Menu)

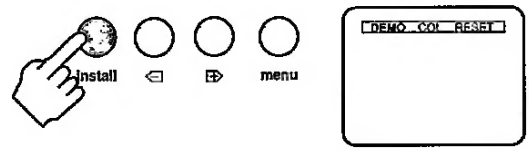
To access into the secondary menu, you have to press and hold the **install** button for about 2 seconds. The following modes are availabla in the secondary menu : Demonstration, Colour System selection and the Reset mode.

English

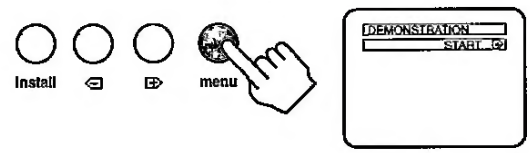
A. Demonstration Mode

This function demonstrates one after another in a sequential ordar of the essential features of your TV.

1. Press and hold the **install** button for about 2 seconds.
   The word **DEMO** is highlightad in yellow.



2. Press the **menu** button to activate the **DEMONSTRATION** menu.



3. Press the control + button to start the demonstration mode.

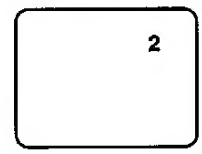
When tha demonstration mode is switched on, tha word **PHILIPS DEMONSTRATION** in red will be displayed on the screen in between each menu mode.

4. To stop the demonstration at any time, press the install button on the TV or the power (⏻) button on the remote control.

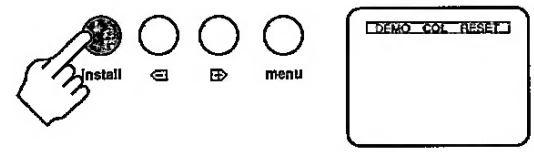
B. Colour System Selection (for Trinorma set only)

If during Automatic or Manual Tuning, the selected colour is distortad due to different TV transmission system, proceed with the following operations to rastore the correct colour for the respective transmission.

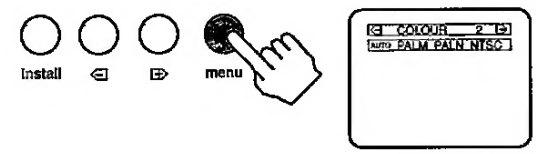
1. Select the channel number you want to rectify tha colour systam.



2. Prass and hold the **install** button continuously for about 2 seconds, to activate the secondary menu; then press the control + or — button to highlight the **COL** menu.



3. Prass tha **menu** button to activate the **COLOUR** menu.



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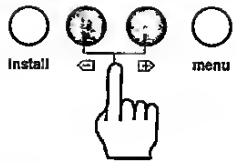
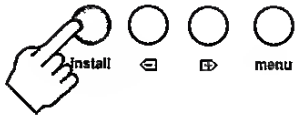
4. Press the control + or — button to select one of the following colour systams eccording to the respactive trensmission mode.

   AUTO ; PAL M ; PAL N or NTSC

   If you select the **AUTO** mode, the TV will automatically select the respectiva colour system according to the transmission system.



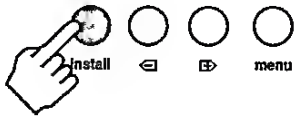
5. Prass the **install** button to exit from the **COLOUR** manu.

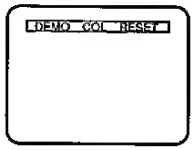


C. Reset Channels Mode

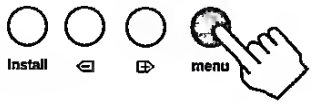
This function enables you to reset ❶ all previously skipped channels, ❷ all adjusted fine tuning to normal position and ❸ all adjusted colour system selection back to auto position.

1. Press and hold tha **install** button continuously for about 2 seconds, to activate the secondary menu; then prass the control + or — button to highlight the **RESET** menu.





2. Press the **menu** button to activata tha **RESET** manu.



3. Prass the control + button to start searching and raset channels mode.

Whan tha raset channels mode is switched on, it will scroll through all the channels (depending whether your TV is set to antenna or cable moda). When it had completed resetting, it will axit automatically to channel 2 (for antanna) or c1 (for cable).

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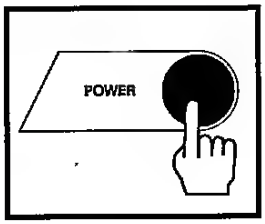
Operation

English

You cen now operate your TV either directly using the TV buttons or the remote control handset.

1. Switching the TV ON/OFF

• Press the **POWER** button on the front of your TV to switch the TV ON end OFF.

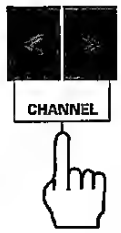


Note :
1. The last viewed TV station will be automatically selected when the set is first switched on.
2. If you want to view the demonstretion mode before operating the set, please refer to the section on Installation (Secondery Menu).

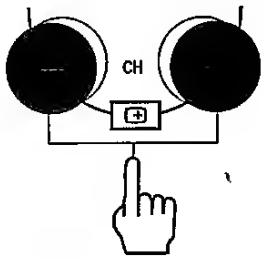
2. Switching the TV ON from Stand-by mode

If the RED light below the screen is lighted up, it indicates thet the set is on the stand-by mode. You cen switch the TV on egein either from the TV or with the remote control.

TV
• Press either the **CHANNEL** < or > button on the front of the TV.

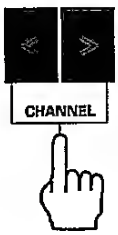


Remote Control
• Press either the **CH** + or — button, any digit buttons or the Stand-by (⏻) button

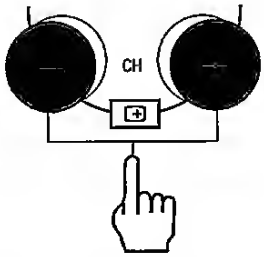


3. Selecting the TV Channels

Channels 2 to 69 end 84 to 99 are available for entenna TV selection while channel 1 to 125 (excluding 95,96 and 97) are available for cable TV selection.



or



• Press the **CHANNEL** > on the TV or the **CH** + on the remote control to select a TV station stored on a higher channel number.

• Press the **CHANNEL** < on the TV or the **CH** — on the remote control to select a TV station stored on a lower chennel number.

Channel numbers can also be selected using the digit buttons 0 to 9 on the remote control.

A. Single Digit Channel Number (For antenna and cable TV)

• Press and hold any of the respective digit buttons which correspond to the stored TV station. (see Fig. 1)

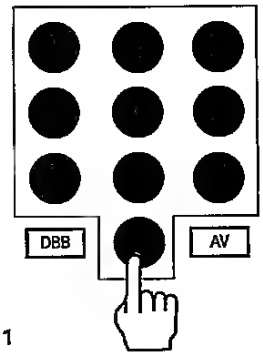


Fig. 1

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B. Two Digit Channel Number (For antenna and ceble TV)

(e.g. channel 28, see Fig. 2)

❶ Press the digit 2 button then
❷ Press the digit 8 button.

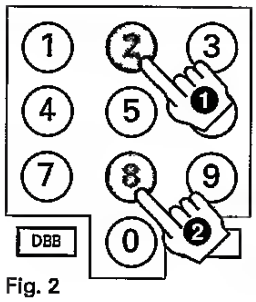


Fig. 2

C. Three Digit Channel Number (For cable TV only)

(e.g. channel 106, see Fig. 3)

❶ Press the digit 1 button;
❷ Press the digit 0 button and
❸ Press the digit 6 button,

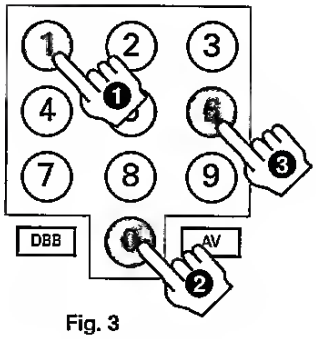
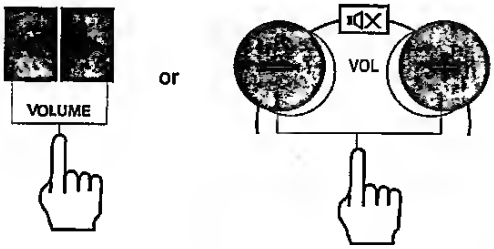


Fig. 3

You must complete the ebove operation within a time frame of 2 seconds, if not, it will react as a Single Digit operetion.

4. Adjusting the Volume



• Press the **VOLUME** > on the TV or the **VOL** + on the remote control to increase the volume.

• Press the **VOLUME** < on the TV or the **VOL** — on the remote control to decrease the volume.

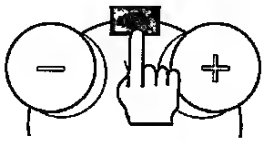
If you want to store the volume setting as your personal preference, press the **store** button on the TV set twice.

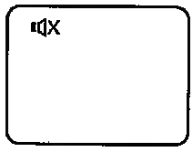
The following functions, S/No **5** to **12** are operations with the remote control handset.

5. Muting the Sound

• Press the button to switch off the sound.

The sound is temporarily muted and the mute symbol is display on the screen.





• Press the or the **VOL** + or — button to restore the sound.

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English

6. Switching to 'Stand-by' mode

The TV can be put into 'Stand-by' mode in the following two ways.

A. Directly

- Press the ⏻ button. The RED lemp below the TV screen is lighted end the TV is put into 'Stand-by' mode.

or

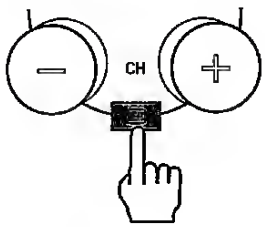
B. Automatically

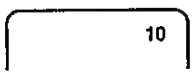
Approximately 10 minutes efter a TV station stops transmission or et no signal reception, then the TV switches itself automatically to 'Stand-by' mode.

7. Displaying OSD

The **'On-Screen-Display'** (**OSD**) ellows you to see the channel number on which a TV station is stored and also the sleeptimer and bassboost selections.

- Press the ⊞ button once to displey the channel number.
- Press the ⊞ button twice to display the sleeptimer and bassboost.
- Press the ⊞ button again to switch off the displayed information.





8. Personal Preference (PP)

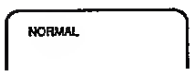
If adjustments had been mede to the picture and sound settings, it is possible to recall the stored settings either from your own or fixed ideel preferences.

A. Recalling Personal Preference (PP)

- Press the **PP** button once to reset the picture and sound settings to the one you have stored previously. (Refer to Menu Operation on storing of personal preference.)
  It is indicated by the word **PP**.

B. Recalling Fixed Ideal Picture Reference (NORMAL)

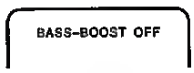
- Press the **PP** button once more will enable you to reset the picture and sound to the fixed ideal picture settings and is indicated by the word **NORMAL.**

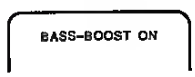


9. Dynamic Bass Boost (DBB)

This feature enable you to enhence the amplification of the bass.

- Press the **DBB** button to switch on or off the amplification.





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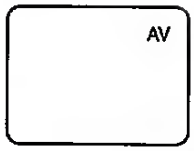
10. AV Source Selection

If your TV are connected to other peripherals equipment via the AV inputs, you cen view the playback programmes in the AV channel.

- Press the **AV** button to switch between the AV mode end the TV mode.

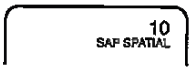


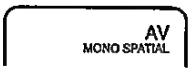
AV channel (AV is between channel 2 and 99 or c1 and c125) can also be selected via the **CH** + or — button on the remote control by scrolling through the channel numbers (provided AV channel is not skipped).

11. Spatial Sound (for model 20GX1850 only)

- Press the **Spatiel** button to switch on or off the special acoustic sound effect.

If you ere in the **AV** mode, you can only select either **STEREO SPATIAL** or **MONO SPATIAL** depending on which sound mode you are playing beck.





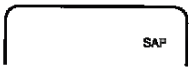
12. Stereo Sound (for model 20GX1850 only)

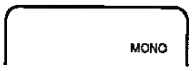
This feature is only appliceble if you are receiving BTSC transmission through the antenna socket or playing back **sterao** programme via the AV sockets from stereo VCR or laser disc player.

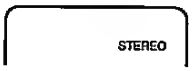
- Press the **Stareo** button to select one of the following sound : **SAP, MONO** or **STEREO.**

- Press the **Starao** button to switch between **STEREO** or **MONO** sound when you are in the AV mode.

If you are playing back mono programmes (I.e. you only connect the Video socket end the Audio L socket), you must select to the mono sound mode, if not , you will only hear the sound coming out from one side of the speaker.







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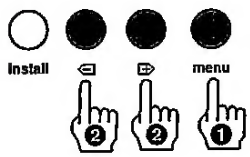
Menu Operation

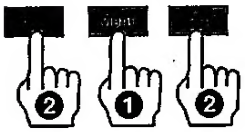
English

The picture and sound settings are pre-set by tha factory for ideal viewing, but you can store your own personal preference using the 'On Screen Menu'.
• Press the **menu** button on the Front Control Panel of the TV set or the remote control handset to cycle through the menu.

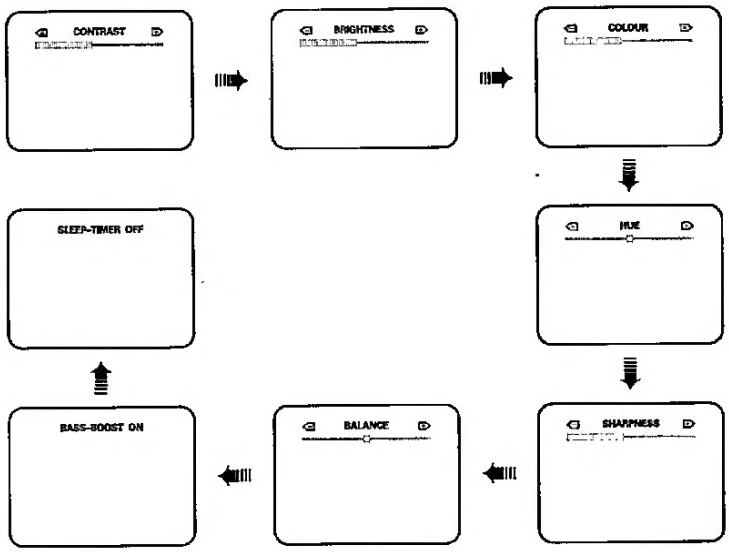


TV Control Panel

or



Remote Control Handset



CONTRAST
❶ Press the **menu** button to select **CONTRAST.**
❷ Press the control + or — to increase or decrease the contrast setting.
❸ If you want to store this setting as your personal preference, press tha **install** button on the TV set.

Note : You can store all the settings (contrast, brightness, colour, hue, sharpness, balance and bass boost) at the end of the selections instead of after each setting.

BRIGHTNESS
❶ Press the **menu** button to select **BRIGHTNESS.**
❷ Press the control + or — to increase or decrease the brightness setting.
❸ If you want to store this setting as your personal preference, prass the **install** button on the TV set.

COLOUR
❶ Press the **manu** button to select **COLOUR.**
❷ Press the control + or — to increase or decrease the colour setting.
❸ If you want to store this setting as your personal preference, press the **install** button on the TV set.

HUE (For NTSC System Only)
❶ Press the **menu** button to select **HUE.**
❷ Press the control + or — to increase or decrease the colour tone setting.
❸ If you want to store this setting as your personal preference, press the **install** button on the TV set.

SHARPNESS
❶ Press the **menu** button to select **SHARPNESS.**
❷ Press the control + or — to increase or decreasa the sharpness setting.
❸ If you want to store this setting as your personal preference, press the **install** button on the TV set.

BALANCE (For model 20GX1850 only)
❶ Press the **menu** button to select **BALANCE.**
❷ Press the control + or — to select right or left speaker output.
❸ If you want to store this setting as your personal preference, prass the **install** button on the TV set.

BASS BOOST
❶ Press the **menu** button to select **BASS BOOST.**
❷ Press tha control + or — to switch on or off the bass boost.
❸ If you want to store this setting as your personal preference, press the **install** button on the TV set.

SLEEPTIMER
❶ Press the **menu** button to select **SLEEPTIMER.**
❷ Press the control + or — to increase or decrease the sleeptimer setting.

With this feature, you can select a time period aftar which the TV set will switches to Stand-by mode automatically. The timar can be set in steps of 15 minutes from **OFF** up to a maximum of 120 minutes.
Note : At the finel minute of the selected time period, a prompting will be shown on the screen. During the final 30 seconds, the indication bar will begin to count down on the screen informing you that the TV set is going to switch to the Stand-by mode. At the end of the countdown, the TV will switch over to the stand-by mode.

You can switch off the SLEEPTIMER with one of the following steps :-
Ⓐ Select the SLEEPTIMER menu and select the timer to **OFF;**
Ⓑ Switch the TV set to Stand-by mode or
Ⓒ Switch off the TV set.

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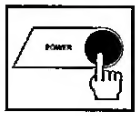
Operating The Video Cassette Recorder

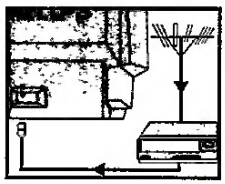
First you must refer to the operating instructions supplied with your video recorder for connection details.

English

- Switch OFF the TV before connecting the video recorder.



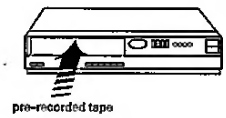
- Connect the TV aerial cable to the RF IN on the video recorder.
- Connect one side of the cable supplied with the video recorder to the RF OUT on the video recorder and the other side of the cable to the antenna input on the TV.



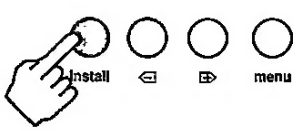
Refer to the Video Recorder Instruction booklet for the pre–tuned video recorder signal.

1. Switch on the TV end the video recorder.

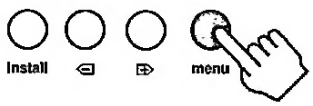
2. Insert a pre–recorded tape into the video recorder end press the **PLAY** button on the video recorder.

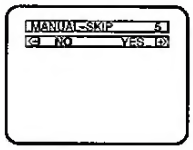


3. To select the channel for the video recorder, press the **install** button on the TV and then press the control + button to highlight the **M–SKIP** mode.

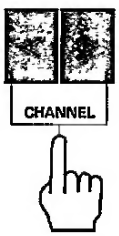


4. Press the **menu** button on the TV to select the **M–SKIP** mode.

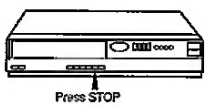




5. Press the **CHANNEL** < or > button on the TV to select the designated channel number.



6. When the video signal is located, press the control — button to add the channel number into memory, the display should indicate **NO.** Press the **install** button to exit and stop the video recorder.



Video tape signal

7. Switch off the TV and the VCR.

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